

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

: 10/670,252

Confirmation No. : 8571

Applicant

Kentaro JUMONJI, et al.

Filed

September 26, 2003

TC/A.U.

2632

Examiner

To Be Assigned

Docket No.

Customer No.

056208.52793US : 23911

Title

: Car Control Unit

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This supplements the Information Disclosure Statement submitted in the above-identified application on September 26, 2003.

Applicant hereby notifies the U.S. Patent and Trademark Office of the patent documents which are listed on the attached Form PTO-1449 and which the Examiner may deem relevant to patentability of the claims of the aboveidentified application. The documents are cited in a European Search Report (copy enclosed) generated in connection with a counterpart European application.

Applicant also submits herewith an English abstract of the German patent document listed on the Form PTO-1449.

Application No. 10/670,252 Supplemental Information Disclosure Statement

The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

May 17, 2004

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PTO/SB/08a (08-03)

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				Application Number	10/670,252			
	INFORMATION DIS	SCLOS	URE	Filing Date	September 26, 2003			
	STATEMENT BY A	<b>APPLIC</b>	ANT	First Named Inventor	Kentaro JUMONJI			
				Art Unit	2632			
	(use as many sheets as	necessary	)	Examiner Name				
Sheet	1	of	1	Attorney Docket Number	056208.52793US			

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Examiner Initials'	Cite No.1	Document Num Number-Kind Code <sup>2</sup> (if		Publica	ition Date D-YYYY	N	ame of Patentee	_	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	AA	US- 2002/0105769	A1	08-08	8-2002		SATO ET AL.			
	AB	US- 2002/0073962	A1	07-20	0-2002		TOMITA ET AL	-		
	AC	US- 6157175		12-0	5-2000	ı	MORINIGO ET A	L.		
	AD	US- 6088631		07-1	1-2000 KUEHN ET AL.					
	AE	US- 5897596		04-27	27-1999		KABUNE ET AL			
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		Foreign Pat	ent Docume	ent			N	-44	Pages, Columns, Lines,	
Examiner Initials'	Cite No. <sup>1</sup>	Country Code <sup>3</sup> -Number	-Kind Code	<sup>5</sup> (if known)	Publicatio MM-DD-		Name of P Applicant of Ci		Where Relevant Passages or Relevant Figures Appear	T⁵

		FOREIG	N PATENT DOO	CUMENTS		
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т•
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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL journal, serial, symposium, catalog, e	tc.), date, page(s), v			
	AF	European Search Report mailed Feb	oruary 13, 2004.			
Examiner	1			Date		

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*EXAMINER: Initial if reference considered,	, whether or not citation is in conformance with MPEP 609. Draw line through cital	tion it not in conformance and not considered. Include copy of this
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Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an

application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 03 02 1621

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-02-2004

Patent document cited in search report			Publication date		Patent family member(s)		Publication date	
DE	3932272	Α .	29-03-1990	IT CH DE ES FR GB SE	1224451 677850 3932272 2018933 2638036 2223636 8903162	A5 A1 A6 A1 A ,B	04-10-1990 28-06-1991 29-03-1990 16-05-1991 20-04-1990 11-04-1990 29-03-1990	
us	2002073962	A1	20-06-2002	JP EP US	2001050080 1074712 6352064	A2	23-02-2001 07-02-2001 05-03-2002	
us	2002105769	A1	08-08-2002	JP	2002232280	A	16-08-2002	
US	5897596	Α	27-04-1999	JP DE	9123894 19633952		13-05-1997 27-02-1997	
US	6088631	Α	11-07-2000	DE GB JP	19712445 2323684 10281270	A,B	01-10-1998 30-09-1998 23-10-1998	
US	6157175	Α	05-12-2000	AU EP WO	3364600 1163717 0051230	A1	14-09-2000 19-12-2001 31-08-2000	